Inventions & Innovation Project Abstract

Powering Cell Phones with Fuel Cells Running on Renewable Fuels

This technology allows for easy directed plasma beams on to a surface of a metallic part. The heat transfer that ensues is of high efficiency and extreme rapidity, surpassing any other available technology. In addition, the device allows for blanketing the part with nitrogen when air is used as the medium. The resultant devices with this technology offer substantial energy and materials savings and very high productivity.

The use of stable non-equilibrium plasma in a sustained directed mode is proposed for the first time. The expected success of this project is high, based on the initial results and the quality of the team assembled. There is good reason to believe that the impact of the technology will be possible.

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